

Name, Address City, County, ZIP :  
Arnold Environmental Management Project  
100 Willey Road  
Hamilton OH 4501394C

Station Code :  
001

Reported Date (Month Year) :  
August 2001

Application :  
11000004\*FD

09/19/2001

Page 1 of 4

Sampling Station Description :  
FINAL OUTFALL - PARSHALL FLUME

**3883**

(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample  
(2) - Enter frequency of sampling

Reporting Lab :

Analyst :

(1)	2	2	2	2	2	2	2
(2)	998	998	998	998	998	998	998
Day	(80082) CBOD 5 day mg/l	(01094) Zinc, Total Recoverable ug/l	(01113) Cadmium, Total Recoverable ug/l	(01114) Lead, Total Recoverable ug/l	(01118) Chromium, Total Recoverable ug/l	(01119) Copper, Total Recoverable ug/l	(01055) Manganese, Total (Mn) ug/l
01	AA	AA	AA	1.78	2.1	AA	47
02							
03		5.3	AA	3.49	2.1	AA	
04							
05							
06	AA	AA	AA	1.94	1.3	1.7	64.4
07							
08	AA	AA	AA	AA	1.6	2.1	61.5
09							
10							
11		9.9	AA	8.06	2.2	1.7	
12							
13							
14	AA	9.9	AA	2.73	3.3	2.7	38.3
15							
16	AA	AA	AA	AA	AA	4.9	41.1
17							
18							
19		AA	2.8	0.94	AA	10.9	
20							
21	AA	AA	AA	1	AA	12	39.7
22							
23							
24		3.8	2	1.15	AA	5	
25							
26	AA	AA	AA	1.51	AA	4.4	71.8
27							
28	AA	AA	AA	AA	AA	14.7	76.1
29							
30							
31							
TOTAL	0	28.9	4.8	22.6	12.6	60.1	439.9
VG	0	2.4083	0.4	1.8833	1.05	5.0083	54.9875
MAX	0	9.9	2.8	8.06	3.3	14.7	76.1
MIN	0	0	0	0	0	0	38.3

Additional Remarks :

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Form No EPA 4500 (8-91)

Form EPA SURI

Date Report Completed:  
09/19/2001

Signature of Reporter:

Title of Reporter:

ARWWP PROJECT MANAGER

Name, Address City, County, ZIP :  
 National Environmental Management Project  
 100 Willey Road  
 Milton OH 4501394C

Station Code :  
 001

Reported Date (Month Year) :  
 August 2001

Application :  
 11000004\*FD

09/19/2001

Page 2 of 4

Sampling Station Description :  
 FINAL OUTFALL - PARSHALL FLUME

**3883**

(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample  
 (2) - Enter frequency of sampling

Reporting Lab :

Analyst :

(1)	2	2	3	2	3	2	1
(2)	998	998	1	998	1	998	999
	(01074) Nickel, Total Recoverable ug/l	(01079) Silver, Total Recoverable ug/l	(00719) Cyanide, Free mg/l	(00530) Total Suspended Solids mg/l	(00550) Oil and Grease, Total mg/l	(00610) Nitrogen, Ammonia (NH3) mg/l	(00402) pH, Minimum S.U.
01	1.7	AA	AA	AA	AA	AA	AD
02				2			AD
03	AA	AA	AA	AA		AA	7.2
04				AA			7.2
05				AA			7.2
06	1.2	AA	AA	AA	AA	AA	7.2
07				AA			6.9
08	2.3	0.5	AA	AA	AA	AA	7.2
09				AA			7.1
10				AA			7.1
11	AA	AA	AA	AA		AA	7.2
12				4			7.2
13				2.4			7.2
14	2.5	AA	AA	AA	AA	AA	7.2
15				AA			7.2
16	AA	0.22	AA	AA	AA	AA	7.2
17				AA			7.2
18				AA			7.2
19	AA	AA	AA	AA		AA	7.2
20				AA			7.2
21	AA	AA	AA	AA	AA	AA	7.2
22				AA			7.2
23				AA			7.1
24	AA	0.18	AA	AA		1.02	7.1
25				2			7.1
26	AA	AA	AA	AA	AA	1.59	7.1
27				2			7.1
28	6.1	AA	AA	3.2	AA	2.42	7
29				2.4			7
30				AA			7.1
31				2.8			7.2
TAL	13.8	0.9	0	20.8	0	5.03	207.3
VG	1.15	0.075	0	0.671	0	0.4192	
AX	6.1	0.5	0	4	0	2.42	7.2
MIN	0	0	0	0	0	0	0

Additional Remarks :

## MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :  
 Fernald Environmental Management Project  
 7400 Willey Road  
 Hamilton OH 4501394C

Station Code : 001  
 Reported Date (Month Year) : August 2001

Application :  
 11000004\*FD

09/19/2001

Sampling Station Description :  
 FINAL OUTFALL - PARSHALL FLUME

Page 3 of 4

3883

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
in(2) - Enter frequency of sampling		

(1)	3	3	1	3	1	3	3
(2)	1	1	999	1	999	1	1
Day	(00010) Water Temperature C	(00300) Dissolved Oxygen mg/l	(00401) pH, Maximum S.U.	(78391) Trichloroethene ug/l	(50050) Flow Rate MGD	(50060) Chlorine, Total Residual mg/l	(39400) Toxaphene, Total ug/l
01	11.1	8.4	AD		6.018	AA	
02	11.9		AD		6.108	AA	
03	11.6		7.2		6.251		
04	11.6		7.3		6.379		
05	11.6	8.2	7.3		6.198		
06	12	6.6	7.2		6.634	AA	
07	11.9		7.2		5.998		
08	12.1		7.2	AA	6.354	AA	AA
09	11.7		7.2		6.409	AA	
10	11.4		7.4		6.409		
11	11.3		7.2		6.153		
12	11.6		7.2		3.783		
13	11.3		7.2		6.031		
14	11.2	8.8	7.2		6.103	AA	
15	10.9		7.2		6.03		
16	11.4	7.7	7.2		5.722	AA	
17	10.6		7.2		5.239		
18	10.8		7.2		5.411		
19	11		7.2		5.681		
20	11.1		7.2		5.443	AA	
21	11.5	7.6	7.2		5.808	AA	
22	12.1		7.2		5.919		
23	12.4		7.2		6.209		
24	12.8		7.2		6.275		
25	11.1		7.2		6.181		
26	12.8	6.6	7.1		6.348	AA	
27	11.8		7.1		6.293	AA	
28	12.3	7.2	7.1		6.407	AA	
29	12.8		7.2		6.3		
30	11.7		8		6.216		
31	11.7		7.4		5.98		
TOTAL	361.1	61.1	209.9	0	186.29	0	0
AVG	11.6484	7.6375		0	6.0094	0	0
MAX	12.8	8.8	8	0	6.634	0	0
MIN	10.6	6.6	0	0	3.783	0	0

Additional Remarks :

## MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :  
Fernald Environmental Management Project  
7400 Willey Road  
Hamilton OH 45013946

Station Code : 001  
Reported Date (Month Year) : August 2001

Application :  
11000004\*FD

09/19/2001

Page 4 of 4

Sampling Station Description :  
FINAL OUTFALL - PARSHALL FLUME

**3883**

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample  
in(2) - Enter frequency of sampling

Reporting Lab :

Analyst :

(1)	3	3	3	3	2		
(2)	1	1	1	1	998		
Day	(34675) 2,3,7,8 TCDD pg/l	(39032) Pentachlorophenol ug/l	(39120) Benzidine, Total ug/l	(99992) Mercury, Total Recoverable ug/l	(00979) Cobalt, Total Recoverable ug/l		
01					0.9		
02							
03							
04							
05							
06					AA		
07							
08	AA	AA	AA	0.00063	AA		
09							
10							
11							
12							
13							
14					AA		
15							
16					AA		
17							
18							
19							
20							
21					AA		
22							
23							
24							
25							
26					AA		
27							
28					AA		
29							
30							
31							
TOTAL	0	0	0	0.0006	0.9	0	0
AVG	0	0	0	0.0006	0.1125		
MAX	0	0	0	0.00063	0.9		
MIN	0	0	0	0.00063	0		

Additional Remarks :

## COMMENT:

D: CONTINUOUS pH METER WAS OUT OF SERVICE  
UNTIL AUGUST 3RD. GRAB SAMPLES FOR pH WERE  
COLLECTED SIX TIMES PER DAY.

**3883**

Name, Address City, County, ZIP :  
Small Environmental Management Project  
00 Willey Road  
Hamilton OH 45013940

Station Code :  
002

Reported Date (Month Year) :  
August 2001

Application :  
11000004\*FD

09/19/2001

Page 1 of 1

Sampling Station Description :  
BYPASS MONITORING - SWRB OVERFLOW

3883

(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample

Reporting Lab :

Analyst :

(2) - Enter frequency of sampling

(1)	2	2	3	3	2	3	3
(2)	3	3	1	1	3	1	1
	(01119) Copper, Total Recoverable ug/l	(00530) Total Suspended Solids ug/l	(00402) pH, Minimum ug/l	(00401) pH, Maximum ug/l	(50050) Flow Rate ug/l	(50060) Chlorine, Total Residual ug/l	(99992) Mercury, Total Recoverable ug/l
Day							
01	AL						
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
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21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0	0	0	0	0	0	0
AVG	0						
MAX	0						
MIN	0						

Additional Remarks :

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Form No EPA 4500 (8-91)

Property of EPA SURI

Date Report Completed:  
09/19/2001

Signature of Reporter:

Title of Reporter:

ARWWP PROJECT MANAGER

Name, Address City, County, ZIP :  
 Arnold Environmental Management Project  
 100 Willey Road  
 Hamilton OH 4501394C

Station Code :  
 601

Reported Date (Month Year) :  
 August 2001

Application :  
 1I000004\*FD

09/19/2001

Page 1 of 1

Sampling Station Description :  
 INTERNAL MONITORING STATION - SEWAGE TREATMENT PLANT

3883

(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
(2) - Enter frequency of sampling		

(1)	2	3	2	2	3	1	
(2)	998	1	998	998	1	999	
	(80082) CBOD 5 day mg/l	(31616) Fecal Coliform No./100ml	(00530) Total Suspended Solids mg/l	(00610) Nitrogen, Ammonia (NH3) mg/l	(00400) pH S.U.	(50050) Flow Rate MGD	
Day							
01	AA		15.2		6.22	0.0508	
02					6.34	0.0161	
03					6.16	0.048	
04					6.23	0.0543	
05					6.36	0.0458	
06	AA	1	2.4		6.52	0.0168	
07					6.48	0.0548	
08	AA		5.6	0.2	6.06	0.0535	
09					5.69	0.0265	
10					5.98	0.07114	
11					6.14	0.05486	
12					6.09	0.03508	
13					6.41	0.0231	
14	AA	1	3.2		6.21	0.02409	
15					5.97	0.0523	
16	AA		5.2		5.63	0.06075	
17					5.65	0.04445	
18					5.67	0.0401	
19					6.3	0.0707	
20					6.74	0.044	
21	2.8	1	13.6		6.23	0.0493	
22					5.24	0.0507	
23					5.57	0.0474	
24					5.31	0.0623	
25					5.71	0.03	
26	3.2	1750	15.6		5.82	0.03	
27					6.4	0.039	
28	AA		22.8	1.27	6.49	0.0438	
29					6.6	0.0468	
30					6.75	0.0632	
31					6.23	0.0565	
TOTAL	6	1753	83.6	1.47	189.2	1.4062	0
AVG	0.75	6.4678	10.45	0.735	6.1032	0.0454	
MAX	3.2	1750	22.8	1.27	6.75	0.07114	
MIN	0	1	2.4	0.2	5.24	0.0161	

Additional Remarks :

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Form No EPA 4500 (8-91)

Form No EPA 4500 (8-91)

Date Report Completed:  
 09/19/2001

Signature of Reporter:

Title of Reporter:

ARWWP PROJECT MANAGER

Name, Address City, County, ZIP :  
Normal Environmental Management Project  
100 Willey Road  
Hamilton OH 4501394C

Station Code : 801      Reported Date (Month Year) : August 2001      Application : 11000004\*FD

09/19/2001

Page 1 of 3

Sampling Station Description :  
UPSTREAM MONITORING - UPSTREAM OF OUTFALL 11000004001

**3883**

(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample

Reporting Lab :

Analyst :

(2) - Enter frequency of sampling

(1)	3	3	3	3	3	3	3
(2)	1	1	1	1	1	1	1
	(00900) Hardness, Total (CaCO3) mg/l	(00400) pH S.U.	(00010) Water Temperature C	(00300) Dissolved Oxygen mg/l	(00610) Nitrogen, Ammonia (NH3) mg/l	(00979) Cobalt, Total Recoverable ug/l	(01055) Manganese, Total (Mn) ug/l
Day							
01	AH	AH	AH	AH	AH	AH	AH
02							
03							
04							
05							
06							
07							
08							
09							
10							
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28							
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30							
31							
TOTAL	0	0	0	0	0	0	0
AVG	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0

Additional Remarks :

SAMPLES WERE NOT COLLECTED DUE TO MANPOWER ISSUES. SAMPLES WILL BE COLLECTED IN SEPTEMBER 2001.

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Form No EPA 4500 (8-91)

Formerly EPA SUR1

Date Report Completed:  
09/19/2001

Signature of Reporter:

Title of Reporter:

ARWWP PROJECT MANAGER



Name, Address City, County, ZIP :  
 Wald Environmental Management Project  
 100 Willey Road  
 Hilton OH 45013940

Station Code :      Reported Date (Month Year) :      Application :  
801                  August 2001                  11000004\*FD

**09/19/2001**

Page 2 of 3

**Sampling Station Description :**  
UPSTREAM MONITORING - UPSTREAM OF OUTFALL 11000004001

**3883**

) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample ) - Enter frequency of sampling	Reporting Lab :	Analyst :
---	-----------------	-----------

(1)	3	3	3	3	3	3	3
(2)	1	1	1	1	1	1	1
	(01074) Nickel, Total Recoverable ug/l	(01079) Silver, Total Recoverable ug/l	(01094) Zinc, Total Recoverable ug/l	(01113) Cadmium, Total Recoverable ug/l	(01114) Lead, Total Recoverable ug/l	(01118) Chromium, Total Recoverable ug/l	(01119) Copper, Total Recoverable ug/l
1	AH	AH	AH	AH	AH	AH	AH
2							
3							
4							
5							
6							
7							
8							
9							
0							
1							
2							
3							
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Additional Remarks :

SAMPLES WERE NOT COLLECTED DUE TO MANPOWER ISSUES. SAMPLES WILL BE COLLECTED IN SEPTEMBER 2001.

Name, Address City, County, ZIP :  
National Environmental Management Project  
100 Willey Road  
Milton OH 45013940

Station Code :  
801

Reported Date (Month Year) :  
August 2001

Application :  
11000004\*FD

09/19/2001

Page 3 of 3

Sampling Station Description :

UPSTREAM MONITORING - UPSTREAM OF OUTFALL 11000004001

**3883**

(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample  
(2) - Enter frequency of sampling

Reporting Lab :

Analyst :

(1)	3						
(2)	1						
	(99992) Mercury, Total Recoverable ug/l						
ay	AH						
01							
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
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16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TAL	0	0	0	0	0	0	0
/G							
AX	0						
IN	0						

Additional Remarks :

SAMPLES WERE NOT COLLECTED DUE TO MANPOWER ISSUES. SAMPLES WILL BE COLLECTED IN SEPTEMBER 2001.

Name, Address City, County, ZIP :  
Eternal Environmental Management Project  
400 Willey Road  
Hamilton OH4501394C

Station Code : 902  
Reported Date (Month Year) : August 2001

Application :  
11000004\*FD

09/19/2001

Page 1 of 3

## Sampling Station Description :

DOWNSTREAM - NEARFIELD MONITORING - DOWNSTREAM OF OUTFALL 11000004001

3883

(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample

Reporting Lab :

Analyst :

(2) - Enter frequency of sampling

(1)	3	3	3	3	3	3	3
(2)	1	1	1	1	1	1	1
	(01094) Zinc, Total Recoverable ug/l	(01113) Cadmium, Total Recoverable ug/l	(01114) Lead, Total Recoverable ug/l	(01118) Chromium, Total Recoverable ug/l	(01119) Copper, Total Recoverable ug/l	(01055) Manganese, Total (Mn) ug/l	(01074) Nickel, Total Recoverable ug/l
Day							
01	AH	AH	AH	AH	AH	AH	AH
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0	0	0	0	0	0	0
AVG	0	0	0	0	0	0	0
MAX	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0

## Additional Remarks :

SAMPLES WERE NOT COLLECTED DUE TO MANPOWER ISSUES. SAMPLES WILL BE COLLECTED IN SEPTEMBER 2001.

I certify under the penalty of law that I have personally examined and am familiar with the information submitted and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Form No EPA 4500 (8-91)

Formerly EPA SUR1

Date Report Completed:  
09/19/2001

Signature of Reporter:

Title of Reporter:

ARWWP PROJECT MANAGER

Name, Address City, County, ZIP :  
Emerald Environmental Management Project  
400 Willey Road  
Hamilton OH4501394C

Station Code :  
902

Reported Date (Month Year) :  
August 2001

Application :  
11O00004\*FD

09/19/2001

Page 2 of 3

## Sampling Station Description :

DOWNSTREAM - NEARFIELD MONITORING - DOWNSTREAM OF OUTFALL 11O00004001

**3883**

(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample

Reporting Lab :

Analyst :

(2) - Enter frequency of sampling

(1)	3	3	3	3	3	3	3
(2)	1	1	1	1	1	1	1
	(01079) Silver, Total Recoverable ug/l	(00900) Hardness, Total (CaCO3) mg/l	(00610) Nitrogen, Ammonia (NH3) mg/l	(00010) Water Temperature C	(00300) Dissolved Oxygen mg/l	(00400) pH S.U.	(99992) Mercury, Total Recoverable ug/l
Day							
01	AH	AH	AH	AH	AH	AH	AH
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
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20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0	0	0	0	0	0	0
AVG							
MAX	0	0	0	0	0	0	0
MIN	0	0	0	0	0	0	0

Additional Remarks :

SAMPLES WERE NOT COLLECTED DUE TO MANPOWER ISSUES. SAMPLES WILL BE COLLECTED IN SEPTEMBER 2001.

## MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :  
Fernald Environmental Management Project  
7400 Willey Road  
Hamilton OH4501394C

Station Code :  
902

Reported Date (Month Year) :  
August 2001

Application :  
11O00004\*FD

09/19/2001

Page 3 of 3

## Sampling Station Description :

DOWNSTREAM - NEARFIELD MONITORING - DOWNSTREAM OF OUTFALL 11O00004001

3883

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab :	Analyst :
in(2) - Enter frequency of sampling		

(1)	3						
(2)	1						
	(00979) Cobalt, Total Recoverable ug/l						
Day	AH						
01							
02							
03							
04							
05							
06							
07							
08							
09							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
TOTAL	0	0	0	0	0	0	0
AVG							
MAX	0						
MIN	0						

## Additional Remarks :

SAMPLES WERE NOT COLLECTED DUE TO MANPOWER ISSUES. SAMPLES WILL BE COLLECTED IN SEPTEMBER 2001.

**Harootyan, Brian**

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**From:** Harootyan, Brian  
**Sent:** Wednesday, September 19, 2001 3:55 PM  
**To:** 'SWIMWARE@WWW.EPA.STATE.OH.US'  
**Cc:** Brettschneider, David; Hertel, William; Johnston, Frank; Nickel, Kathi; Harootyan, Brian  
**Subject:** August 2001 Discharge Monitoring Reports

**3883**



15433851.ZIP

Attached are the electronic submittals of the August 2001 DMR's.

If you have any questions, please contact Brian Harootyan at (513) 648-4202.

Harootyan, Brian

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From: Web Mail Admin [daemon@demboy.epa.state.oh.us]  
Sent: Thursday, September 20, 2001 12:35 PM  
To: Brian.Harootyan@fernald.gov

3883

Ohio EPA - Electronic Data Submission Receipt  
-----

System: SWIMWARE Version: 1.0.0

Fernald Environmental Management Project

7400 Willey Road

Hamilton OH 450139402

(513)-6484202

The following file was received on Thu Sep 20 12:35:15 2001

\*-----\*

Email attachment(s):

15433851.ZIP (application/octet-stream)

\*-----\*

If you have any questions regarding this receipt or your data transmission,

please call the SWIMware Help Line at: (614) 644-2050

or send e-mail to: jeffrey.boyles@epa.state.oh.us.